

CLAIMS

WHAT IS CLAIMED IS:

1. A method comprising:

if a threshold is exceeded, selecting a program based on a criteria; and
changing a compression level of the program, wherein the changing further
reduces an amount of storage consumed by the program and causes an unrecoverable loss
of data.

2. The method of claim 1, wherein the selecting further comprises:

selecting the program based on a ranking of a category to which the program
belongs.

3. The method of claim 1, wherein the selecting further comprises:

selecting the program based on whether the program previously had the
compression level changed.

4. The method of claim 1, wherein the selecting further comprises:

selecting the program based on an age of the program.

5. The method of claim 1, wherein the selecting further comprises:

selecting the program based on a difference between a current compression level
of the program and a minimum compression level of the program.

6. The method of claim 1, wherein the selecting further comprises:

selecting the program based on the criteria and an importance of the criteria.

7. An apparatus comprising:

means for selecting a first program from a plurality of programs based on a ranking of a category to which the first program belongs if a threshold is exceeded; and
means for changing a compression level of the first program, wherein the changing further reduces an amount of storage consumed by the first program and causes an unrecoverable loss of data.

8. The apparatus of claim 7, wherein the means for selecting further comprises:

means for selecting the first program based on whether the first program previously had the compression level changed.

9. The apparatus of claim 7, wherein the means for selecting further comprises:

means for selecting the first program based on an age of the first program.

10. The apparatus of claim 7, wherein the means for selecting further comprises:

means for selecting the first program based on a difference between a current compression level of the first program and a minimum compression level of the first program.

11. The apparatus of claim 7, wherein the means for selecting further comprises:

means for selecting the first program from the plurality of programs wherein the changing the compression level of the first program saves a largest amount of space in the storage among the plurality of programs.

12. A signal-bearing medium encoded with instructions, wherein the instructions when executed comprise:

if a threshold is exceeded, selecting a first program from a plurality of programs based on a ranking of a category to which the first program belongs and based on whether the first program previously had a compression level changed; and

changing the compression level of the first program, wherein the changing further reduces an amount of storage consumed by the first program and causes an unrecoverable loss of data.

13. The signal-bearing medium of claim 12, wherein the selecting further comprises:
selecting the first program based on an age of the first program.

14. The signal-bearing medium of claim 12, wherein the selecting further comprises:
selecting the first program based on a difference between a current compression level of the first program and a minimum compression level of the first program.

15. The signal-bearing medium of claim 12, wherein the selecting further comprises:
selecting the first program from the plurality of programs wherein the changing the compression level of the first program saves a largest amount of space among the plurality of programs.

16. The signal-bearing medium of claim 12, wherein the ranking comprises an initial compression level of the first program.

17. A digital video recorder comprising:

a processor; and

a memory encoded with instructions, wherein the instructions when executed on the processor comprise:

if a threshold is exceeded, selecting a first program from a plurality of programs based on a ranking of a category to which the first program belongs, based on whether the first program previously had a compression level changed, and based on an age of the first program, and

changing the compression level of the first program, wherein the changing further reduces an amount of storage consumed by the first program and causes an unrecoverable loss of data.

18. The digital video recorder of claim 17, wherein the selecting further comprises:
selecting the first program based on a difference between a current compression level of the first program and a minimum compression level of the first program.
19. The digital video recorder of claim 17, wherein the selecting further comprises:
selecting the first program from the plurality of programs wherein the changing the compression level of the first program saves a largest amount of space among the plurality of programs.
20. The digital video recorder of claim 17, wherein the ranking comprises an initial compression level of the first program.
21. The digital video recorder of claim 17, wherein the instructions further comprise:
marking the first program as having the compression level previously changed.
22. A computer system comprising:
a processor; and
a memory encoded with instructions, wherein the instructions when executed on the processor comprise:
if a threshold is exceeded, selecting a first program from a plurality of programs based on a ranking of a category to which the first program belongs, based on whether the first program previously had a compression level changed, based on an age of the first program, and based on a difference between a current compression level of the first program and a minimum compression level of the first program, and
changing the compression level of the first program, wherein the changing further reduces an amount of storage consumed by the first program and causes an unrecoverable loss of data.

23. The computer system of claim 22, wherein the selecting further comprises:

selecting the first program from the plurality of programs wherein the changing the compression level of the first program saves a largest amount of space among the plurality of programs.

24. The computer system of claim 22, wherein the ranking comprises an initial compression level of the first program.

25. The computer system of claim 22, wherein the instructions further comprise:

marking the first program as having the compression level previously changed.